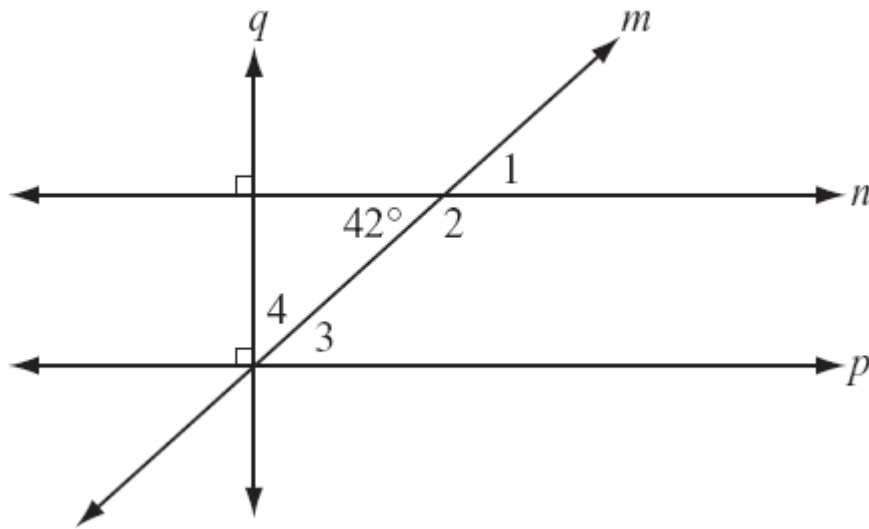


Name: _____ Date: _____ Period: _____

Weekend Math Homework (Geometry Review)

Parallel lines n and p are intersected by transversal lines q and m , as shown in the figure below.



Lines q , m , and p intersect at a common point.

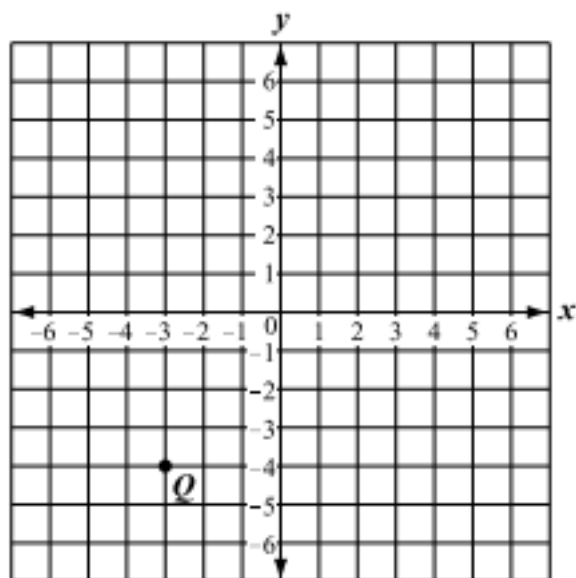
1. What is the degree measure of $\angle 1$? Show or explain how you got your answer.

2. What is the degree measure of $\angle 2$? Show or explain how you got your answer.

3. What is the degree measure of $\angle 3$? Show or explain how you got your answer.

4. What is the degree measure of $\angle 4$? Show or explain how you got your answer.

Use the grid below to answer all questions.



1. What are the coordinates of point Q ?
2. On your grid, plot and label points $S(-5, 0)$ and $R(-3, 0)$.
3. On your grid, plot and label a point T so that quadrilateral $QRST$ is a rectangle. What are the coordinates of point T ?
4. On your grid, draw a second rectangle that meets the following requirements:
 - It is congruent to rectangle $QRST$.
 - The coordinates of each vertex are positive numbers.
 - The vertices are labeled U , V , W , and X .
5. What are the coordinates of each vertex of rectangle $UVWX$?